

**Notice of Allowability**

Application No.

10/780,505

Examiner

Cheryl Lewis

Applicant(s)

VADAI ET AL.

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants' communication received on April 23, 2007.
2. ☒ The allowed claim(s) is/are 1-13, 15-26, 28-30, and 44-72, renumbered as claims 1-57.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

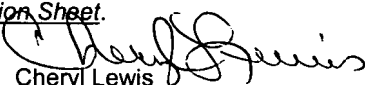
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other See Continuation Sheet.

  
Cheryl Lewis  
Patent Examiner, A.U. 2167  
July 5, 2007

Continuation of Attachment(s) 9. Other: Updated IDS received on July 2, 2004. This updated IDS includes the class and subclass of the cite prior art (U.S. Patent Documents).

### **DETAILED ACTION**

1. Claims 1-13, 15-26, 28-30, 44-72 are allowed. These claims have been renumbered as claims 1-57.
2. Claims 14, 27, and 31-43 have been cancelled.

### ***Drawings***

3. The drawing filed on July 2, 2004 are accepted by the examiner.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Maurice Pirio on June 27, 2007.

5. Claims 1, 21, 44, and 63 have been amended as follows:

1. (Currently Amended) A method in a computer system for generating a help file having topics, the method comprising:
  - collecting failed user queries;
  - collecting user queries that did not fail;
  - receiving a selection of a topic;

receiving a selection of some of the collected user queries; and  
modifying the help file so that the selected topic is ~~more likely~~ identified as being  
relevant to the selected user queries factoring in information derived from  
a failure rate of the user queries[.];

wherein the failure rate of a user query represents a ratio of a number of  
submissions of that user query that failed to the total number of  
submissions of that user query.

21. (Currently Amended) A computer system for modifying a help file having  
topics, comprising:

a component that collects failed user queries;  
a component that selects some of the collected user queries; and  
a component that modifies the help file based on the selected user queries so  
that a selected topic is ~~more likely~~ identified when a selected user query is  
submitted,

wherein a help file has an original language and the modified help file has a  
different language and the selection of the collected user queries is  
language-specific selects user queries that are in the different language.

44. (Currently Amended) A method in a computer system for generating a  
help file having topics, the method comprising:

collecting failed user queries;  
receiving a selection of a topic;  
receiving a selection of some of the collected user queries; and

modifying the help file so that the selected topic is ~~more likely~~ identified as being relevant to the selected user queries

wherein a help file has an original language and the generated help file has a different language and the selection of the collected user queries ~~is different for different languages~~ selects user queries that are in the different language

63. (Currently Amended) A computer system for modifying a help file having topics, comprising:

a component that collects failed user queries and collects user queries that did not fail;

a component that selects some of the collected user queries; and

a component that modifies the help file based on the selected user queries and information derived from a failure rate of user queries so that a selected topic is ~~more likely~~ identified when a selected user query is submitted[.];

wherein the failure rate of a user query represents a ratio of a number of submissions of that user query that failed to the total number of submissions of that user query.

### REASONS FOR ALLOWANCE

6. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements

Art Unit: 2167

including 'modifying the help file so that the selected topic is more likely identified as being relevant to the selected user queries factoring in information derived from a failure rate of the user queries; wherein the failure rate of a user query represents a ratio of a number of submissions of that user query that failed to the total number of submissions of that user query' as recited in independent claim 1 and similarly recited in independent claim 63.

As per claim 21, the prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including 'wherein a help file has an original language and the modified help file has a different language and the selection of the collected user queries selects user queries that are in the different language' and similarly recited in independent claim 44.

The remaining claims, 2-13, 15-20, 22-26, 28-30, 45-62, and 64-72 are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**NAME OF CONTACT**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2167


For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cheryl Lewis/

Patent Examiner, A.U. 2167

July 5, 2007

  
JOHN COTTINGHAM  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100